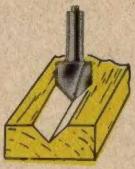
STANLEY®

# router bits and cutters

# CARBIDE TIPPED BITS

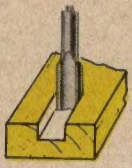
## "V" GROOVING BIT



| Number | "V" Cutting Edge |
|---|---|
| 85 219 | 3/8" |
| 85 220 | 7/8" |

## STRAIGHT BITS

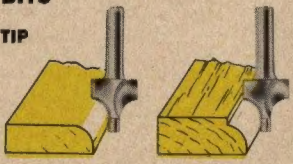
### 1/4" SHANK — TWO FLUTES



| Number | Diam. | Edge Lgth. Cut. |
|---|---|---|
| 85 221 | 1/4" | 5/8" |
| 85 222 | 1/4" | 5/8" |
| 85 250 | 1/4" | 7/8" |
| 85 223 | 9/32" | 7/8" |
| 85 224 | 5/16" | 7/8" |
| 85 225 | 3/8" | 7/8" |
| 85 226 | 7/16" | 7/8" |
| 85 227 | 1/2" | 7/8" |
| 85 228 | 1/2" | 7/8" |
| 85 229 | 9/16" | 5/8" |
| 85 230 | 5/8" | 5/8" |
| 85 231 | 11/16" | 5/8" |
| 85 232 | 3/4" | 5/8" |
| 85 262 | 13/16" | 5/8" |

## ROUNDING OVER BITS

### 1/4" SHANK — PILOT TIP



| Number | Radius |
|---|---|
| 85 233 | 1/4" |
| 85 234 | 3/8" |
| 85 235 | 1/2" |

## BEADING BITS

**TWO FLUTES**

| Number | Radius |
|---|---|
| 85 236 | 1/4" |
| 85 237 | 3/8" |

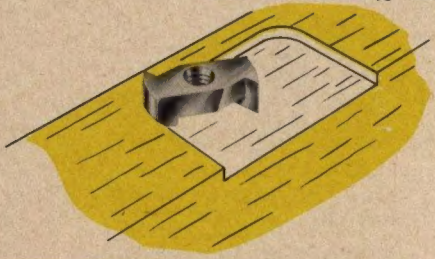
## HINGE MORTISING BIT

**5/8" RADIUS**

| Number | Diam. |
|---|---|
| 85 238 | 1 1/4" |

Shanks For 85238:

92839 1/4" DIA. x 1 3/8" LONG
92840 1/2" DIA. x 1 7/8" LONG



## CHAMFERING BITS

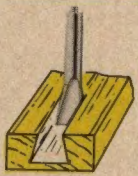
**TWO FLUTES**

| Number | Cutting Edge |
|---|---|
| 85 239 | 1/2" |

## DOVETAIL BIT

**1/4" SHANK**

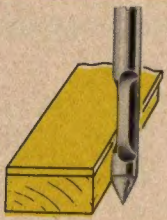
| Number | Max. Diam. |
|---|---|
| 85 240 | 17/32" |



## STRAIGHT BITS

**½" SHANK**
**TWO FLUTES**

| Number | Diam. | Lgth. Cut. Edge |
|---|---|---|
| 85 241 | ⅜" | 1 " |
| 85 242 | ½" | 1½" |
| 85 251 | ½" | 2 " |
| 85 243 | 1 " | 1⅛" |



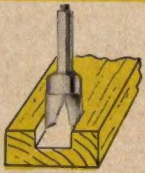
## COMBINATION PANEL BITS

| Number | Diam. | Lgth. Cut. Edge |
|---|---|---|
| 85 244 | ¼" | ¾" |
| 85 245 | ⅜" | ⅞" |
| 85 246 | ½" | 1⅛" |

## BITS FOR HINGE MORTISING

**¼" SHANK**

| Number | Diam. |
|---|---|
| 85 249 | ½" |



## COMBINATION STRAIGHT AND BEVEL TRIM BIT

**85 261** **¼" SHANK**

Combines 22° bevel trim and flush trim cuts in one bit.

## 15 DEGREE BEVEL RABBETING BIT

| Number | Width Rabbet |
|---|---|
| 85 263 | ⅜" |

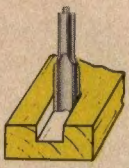
# SOLID CARBIDE BITS

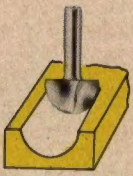
## STRAIGHT BITS

**¼" SHANK**

**TWO FLUTES**

| Number | Diam. | Edge Lgth. Cut. |
|---|---|---|
| 85 252 | ¼" | ⅝" |
| 85 253 | ¼" | ⅞" |





## CORE BOX BITS

**¼" SHANK**

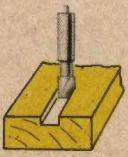
**TWO FLUTES**

| Number | Diam. |
|---|---|
| 85 254 | ¼" |
| 85 255 | ¼" |

## SOFT METAL CUTTING STRAIGHT BITS

**SINGLE FLUTE**

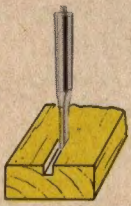
| Number | Diam. |
|---|---|
| 85 256 | 3/16" |
| 85 257 | ¼" |

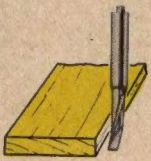


## LONG SHANK — STRAIGHT BITS

### SINGLE FLUTE

| Number | Diam. | Lgth. Cut. Edge |
|---|---|---|
| 85 259 | 3/16" | 5/8" |
| 85 260 | 1/4" | 7/8" |





## SPIRAL BIT

### RIGHT HAND

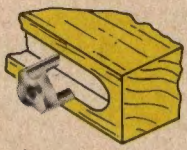
| Number | Diam. | Lgth. Cut. Edge |
|---|---|---|
| 85 258 | 1/4" | 3/4" |

# SHAPER CUTTERS

## STRAIGHT FACE CUTTERS

1/4" HOLE
11/16" DIAM.

| Number | Width |
|---|---|
| 85 324 | 1/4" |
| 85 325 | 3/8" |
| 85 326 | 1/2" |



## LOCK MORTISER CUTTERS

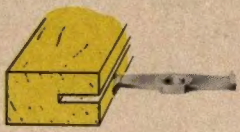
### 12-32 TAPPED HOLE

| Number | Diam. | Number | Diam. |
|---|---|---|---|
| 85 311 | 11/16" | 85 316 | 1 " |
| 85 312 | 3/4" | 85 317 | 1 1/16" |
| 85 313 | 13/16" | 85 318 | 1 1/8" |
| 85 314 | 7/8" | 85 319 | 1 3/8" |
| 85 315 | 15/16" | | |

## CONCAVE CUTTERS

### 1/4" HOLE
### 11/16" DIAM.

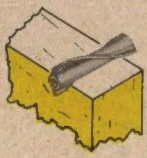
| Number | Width |
|---|---|
| 85 327 | 11/64" |
| 85 328 | 17/64" |
| 85 329 | 23/64" |
| 85 330 | 7/16" |
| 85 331 | 17/32" |
| 85 332 | 5/8" |



## WEATHERSTRIP AND SLOTTING CUTTERS

| 5/16" HOLE | | 1 7/8" DIAM. | |
|---|---|---|---|
| Number | Width | Number | Width |
| 85 391 | 3/32" | 85 396 | 7/32" |
| 85 392 | 1/8" | 85 397 | 1/4" |
| 85 393 | 9/64" | 85 398 | 17/64" |
| 85 394 | 5/32" | 85 399 | 9/32" |
| 85 395 | 3/16" | | |

## SPIRAL PLANE CUTTERS

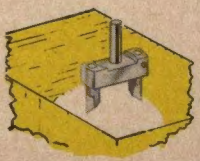


| Number | Width |
|---|---|
| 85 400 | 1 13/16" |
| 85 401 | 2 1/16" |
| 85 402 | 2 3/8" |
| 85 403 | 2 33/64" |

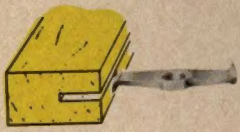
## GA223 CUTTER SURFACING HEAD FOR R23

1/2" SHANK
2 3/8" CUTTING DIAM.

| Number |
|---|
| 85 504 |
| 85 320 |



# CARBIDE TIPPED CUTTERS



## WEATHERSTRIP AND SLOTTING CUTTERS

$\frac{5}{16}$" HOLE

| Number | Width | Diam. | Number | Width | Diam. |
|---|---|---|---|---|---|
| 85 517 | $\frac{1}{16}$" | $1\frac{7}{8}$" | 85 506 | $\frac{1}{16}$" | $1\frac{5}{8}$" |
| 85 518 | $\frac{5}{64}$" | $1\frac{7}{8}$" | 85 507 | .078" | $1\frac{5}{8}$" |
| 85 519 | $\frac{3}{32}$" | $1\frac{7}{8}$" | 85 508 | .097" | $1\frac{5}{8}$" |
| 85 520 | $\frac{1}{4}$" | $1\frac{7}{8}$" | 85 505 | $\frac{1}{4}$" | $1\frac{3}{16}$" |

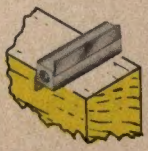
## SPIRAL PLANE CUTTER

| Number | Width |
|---|---|
| 85 521 | $2\frac{33}{64}$" |

## STRAIGHT FLUTE PLANE CUTTERS

| Number | Diam. | For |
|---|---|---|
| 85 522 | $1\frac{13}{16}$" | J38* |
| 85 523 | $2\frac{1}{16}$" | H58<br>H283<br>J48* |
| 85 524 | $2\frac{3}{8}$" | J40* |
| 85 525 | $2\frac{33}{64}$" | J50 |

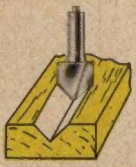
* Discontinued Model.



# ROUTER BITS

**For use in all routing machines. All bits are highest quality high-speed steel processed for longer production use between grinds.**

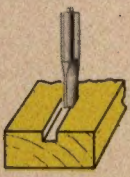
## "V" GROOVING BITS



**¼" SHANK**

| Number | "V" Cut. Edges |
|---|---|
| 85 089 | ⅜" |
| 85 090 | ⅞" |

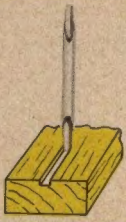
## STRAIGHT BITS



**SINGLE FLUTE**
**¼" SHANK**

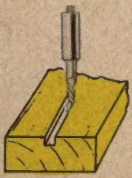
| Number | Diam. | Lgth. Cut. Edge |
|---|---|---|
| 85 091 | 1/16" | 3/16" |
| 85 092 | ⅛" | 5/16" |
| 85 093 | 5/32" | ⅜" |
| 85 094 | 3/16" | 7/16" |
| 85 095 | 7/32" | 7/16" |

## STRAIGHT DOUBLE END BITS



| Number | Diam. Cut | Diam. Shank |
|---|---|---|
| 85 165 | 1/16" | 5/32" |
| 85 166 | 3/32" | 3/16" |
| 85 167 | ⅛" | 5/16" |
| 85 168 | 3/16" | ⅜" |

## SHEAR CUT BITS



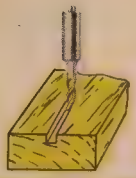
**¼" SHANK**
**LEFT HAND SPIRAL**

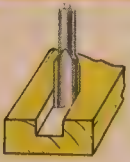
| Number | Diam. | Lgth. Cut. Edge |
|---|---|---|
| 85 172 | ⅛" | 13/16" |
| 85 173 | 3/16" | 1⅛" |
| 85 174 | ¼" | 1½" |

## SHEAR CUT BITS

**¼" SHANK**
**RIGHT HAND SPIRAL**

| Number | Diam. | Lgth. Cut. Edge |
|---|---|---|
| 85 175 | 1/8" | 13/16" |
| 85 176 | 3/16" | 1 1/8" |
| 85 177 | 1/4" | 1 1/2" |
| 85 178 | 3/8" | 2 " |





## STRAIGHT BITS

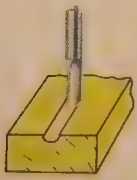
**¼" SHANK**
**TWO FLUTES**

| Number | Diam. | Lgth. Cut. Edge |
|---|---|---|
| 85 096 | 1/4" | 5/8" |
| 85 180 | 1/4" | 1 1/8" |
| 85 097 | 5/16" | 3/4" |
| 85 181 | 5/16" | 1 1/8" |
| 85 098 | 3/8" | 1 1/16" |
| 85 099 | 7/16" | 1 1/16" |

| Number | Diam. | Lgth. Cut. Edge |
|---|---|---|
| 85 100 | 1/2" | 3/4" |
| 85 101 | 9/16" | 5/8" |
| 85 102 | 5/8" | 5/8" |
| 85 103 | 1 1/16" | 5/8" |
| 85 104 | 3/4" | 5/8" |
| 85 186 | 13/16" | 5/8" |

## VEINING
## DOUBLE END BITS

| Number | Diam. Cut | Diam. Shank |
|---|---|---|
| 85 169 | 1/16" | 1/8" |
| 85 170 | 3/32" | 3/16" |
| 85 171 | 1/8" | 5/16" |



## VEINING BITS

**¼" SHANK**
**SINGLE FLUTE**

| Number | Diam. | Lgth. Cut. Edge |
|---|---|---|
| 85 105 | 1/8" | 5/16" |
| 85 106 | 3/16" | 7/16" |
| 85 107 | 7/32" | 7/16" |

## CORE BOX BITS

**¼" SHANK**
**TWO FLUTES**

| Number | Diam. |
|---|---|
| 85 108 | ¼" |
| 85 109 | 5/16" |
| 85 110 | ⅜" |
| 85 111 | 7/16" |
| 85 112 | ½" |
| 85 113 | 9/16" |
| 85 114 | ⅝" |
| 85 115 | 11/16" |
| 85 116 | ¾" |

## ROUNDING OVER BITS

**¼" SHANK**
**PILOT TIP**
**TWO FLUTES**

| Number | Radius |
|---|---|
| 85 117 | 3/16" |
| 85 118 | ¼" |
| 85 119 | 5/16" |
| 85 120 | ⅜" |
| 85 121 | ½" |

## BEADING BITS

**¼" SHANK — PILOT TIP**
**TWO FLUTES**

| Number | Radius |
|---|---|
| 85 122 | 1/16" |
| 85 123 | ⅛" |
| 85 124 | ¼" |
| 85 125 | ⅜" |

## COVE BITS

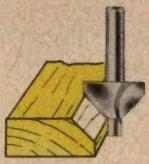
**¼" SHANK — PILOT TIP**
**TWO FLUTES**

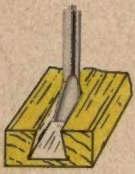
| Number | Radius |
|---|---|
| 85 126 | 3/16" |
| 85 127 | ¼" |
| 85 128 | ⅜" |
| 85 129 | ½" |

## CHAMFERING BITS

**¼" SHANK — PILOT TIP**
**TWO FLUTES**

| Number | Cutting Edge |
|---|---|
| 85 131 | ½" |





## DOVETAIL BITS

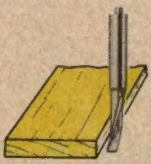
**¼" SHANK**

| Number | Max. Dia. |
|---|---|
| 85 132 | 9/32" |
| 85 133 | 9/16" |

## SPIRAL BITS

**¼" SHANK**
**RIGHT HAND**

| Number | Diam. | Lgth. Cut. Edge |
|---|---|---|
| 85 179 | ¼" | ¾" |



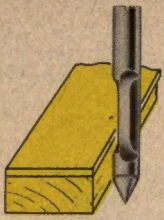
## STRAIGHT BITS

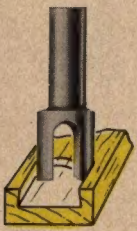
**½" SHANK — TWO FLUTES**

| Number | Diam. | Lgth. Cut. Edge |
|---|---|---|
| 85 139 | 3/8" | 1⅛" |
| 85 140 | ½" | 1⅛" |
| 85 182 | ½" | 2" |
| 85 141 | 5/8" | 1⅛" |
| 85 142 | ¾" | 1⅛" |
| 85 143 | 13/16" | 1⅛" |
| 85 144 | 7/8" | 1⅛" |
| 85 145 | 1" | 1⅛" |

## COMBINATION PANEL BITS

| Number | Diam. | Lgth. Cut. Edge |
|---|---|---|
| 85 146 | 1/4" | 3/4" |
| 85 147 | 3/8" | 7/8" |





## STAIR ROUTING BITS

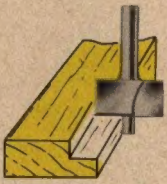
**1/2" SHANK**

| Number | Max. Dia. |
|---|---|
| 85 148 | 1 1/16" |
| 85 149 | 7/8" |

## RABBETING BIT

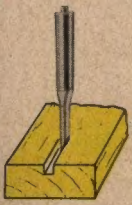
**1/4" SHANK**
**PILOT TIP**
**1" SHANK LENGTH**

| Number | Width Rabbet |
|---|---|
| 85 150 | 1/4" |
| 85 151 | 3/8" |



## LONG SHANK STRAIGHT BITS

**1/4" SHANK**
**SINGLE FLUTE**

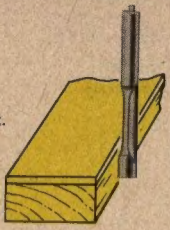


| Number | Diam. | Lgth. Cut. Edge |
|---|---|---|
| 85 152 | 1/8" | 5/8" |
| 85 153 | 3/16" | 3/4" |
| 85 154 | 1/4" | 1" |
| 85 155 | 3/8" | 1 1/8" |

## PILOT PANEL BIT

**¼" SHANK**
**¾" CUTTING EDGE**

| Number | Diam. | Lgth. Cut. Edge |
|---|---|---|
| 85 156 | ¼" | ¾" |



## BITS FOR HINGE MORTISING

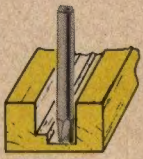
**¼" SHANK**

| Number | Diam. |
|---|---|
| 85 157 | ⅜" |
| 85 158 | 7/16" |
| 85 159 | ½" |

## STRAIGHT DEEP CUTTING BIT

**FOR SUCCESSIVELY DEEPER CUTS IN DESIGN WORK**

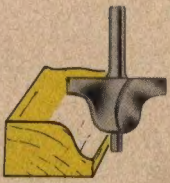
| Number | Shank Diam. |
|---|---|
| 85 160 | ¼" |



## ROMAN OGEE BITS

**¼" SHANK — PILOT TIP**

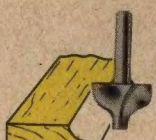
| Number | Radii |
|---|---|
| 85 161 | 5/32" |
| 85 162 | ¼" |



## OGEE BITS

**¼" SHANK**

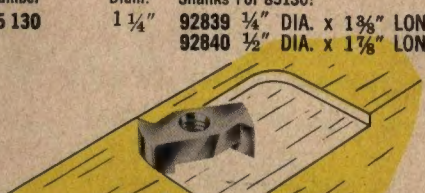
| Number | Radii |
|---|---|
| 85 163 | 3/16" |
| 85 164 | 9/32" |



## HINGE MORTISING BIT

**⅝" RADIUS**

| Number | Diam. | Shanks For 85130: |
|---|---|---|
| 85 130 | 1 ¼" | 92839 ¼" DIA. x 1⅜" LONG<br>92840 ½" DIA. x 1⅞" LONG |



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